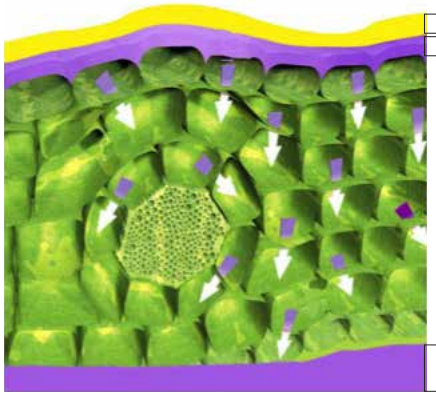

contact fungicide

Reason's local systemic and translaminar activity protects new growth and both sides of the leaf

SEED-BORNE LATE BLIGHT CONTROL AND EMERGENCE WITH REASON

Infected Tubers untreated

Infected Tubers treated with Reason @ 10 mL/100 kg

Source: Ontario, 2013

REASON®

Bayer CropScience

BayerCropScience.ca/Reason or 1 888-283-6847
or contact your Bayer CropScience Representative.

Printed in Canada
H-19-4/14- 10206902-E

fact sheet

REASON®

DISEASE PROTECTION FOR POTATOES, BULB VEGETABLES, BRASSICA LEAFY VEGETABLES, CARROTS, CUCURBITS, SPINACH, TOMATOES, TURNIP GREENS, GINSENG AND EDIBLE BEANS.

did you know?

REASON® NOT ONLY PROTECTS POTATOES AGAINST LATE BLIGHT AND EARLY BLIGHT THROUGH FOLIAR APPLICATIONS BUT CAN ALSO BE USED FOR SEED-BORNE LATE BLIGHT PROTECTION

FEATURES AND BENEFITS

- Locally systemic activity to protect new growth
- Translaminar movement to protect both sides of the leaf
- Strong anti-sporulant activity
- Concentrated flowable formulation reduces amount of product to handle
- An economical way to add the above benefits to your contact spray program in potatoes and tomatoes
- Group 11 fungicide

MODE OF ACTION

- Fenamidone, the active ingredient in Reason, protects plant tissue by affecting fungal development at several stages of the blight life cycle. The multi-site action of fenamidone ensures a high level of disease control.

APPLICATION TIPS

- Rainfast in 1 to 2 hours
- Begin applications as soon as conditions become favourable for disease development
- Applications should be made 8-14 days apart for ginseng and 5-10 days apart for all other crops
- Reason needs to be tank-mixed with a contact spray for foliar applications in tomato and potato crops
- To limit the possibility of fungicide resistance, Reason (or any other Group 11 fungicide) should be used on alternate applications

FORMULATION AND PACKAGING

- Formulated as a 500 g/L liquid flowable
- Available in 2 L jugs

CROPS, DISEASES, METHOD OF TREATMENT, RATES, PRE-HARVEST INTERVALS, MAXIMUM APPLICATIONS

Crops	Diseases	Method of Treatment	Rates	Pre-harvest Intervals (days)	Maximum Applications
Bulb vegetables (Crop group 3)	Downy mildew (suppression)	Foliar, ground application	400 mL/ha (162 mL/ac.)	7	4
Brassica leafy vegetables (Crop group 5)			400-600 mL/ha (162-243 mL/ac.)	2	3
Carrots	Damping off Cavity spot/ pythium		600 mL/ha (243 mL/ac.)	14	2
Cucurbit vegetables (Crop group 9)	Downy mildew		400 mL/ha (162 mL/ac.)		4
Edible-podded beans (Crop subgroup 6A)	Cottony leak (pythium), Phytophthora blight (suppression)		600 mL/ha (243 mL/ac.)	3	3
Ginseng	Phytophthora blight and root rot			14	
Spinach	Downy mildew (suppression)		400 mL/ha (162 mL/ac.)	2	4
Succulent beans (except succulent shelled cowpeas (Crop subgroup 6B)	Cottony leak (pythium), Phytophthora blight (suppression)		600 mL/ha (243 mL/ac.)	3	3
Tomatoes	Late blight Early blight		200 mL/ha (81 mL/ac.) plus 1.25 kg/ha (0.5 kg/ac.) of Dithane™ DG* or Bravo® 500 at registered rates	14	6
Turnip greens	Downy mildew		400-600 mL/ha (162-243 mL/ac.)	2	2
Potatoes	Late blight Early blight		200 mL/ha (81 mL/ac.) plus 1.25 kg/ha (0.5 kg/ac.) of Dithane DG* or Bravo 500 at registered rates	14	6
	Seed-borne Late blight	Seed-piece treatment	10 mL/100 kg seed (4.5 mL/ cwt seed)	N/A	N/A

*For other mancozeb products (Manzate®, Penncozeb®) use equivalent rates (935 g ai/ha).